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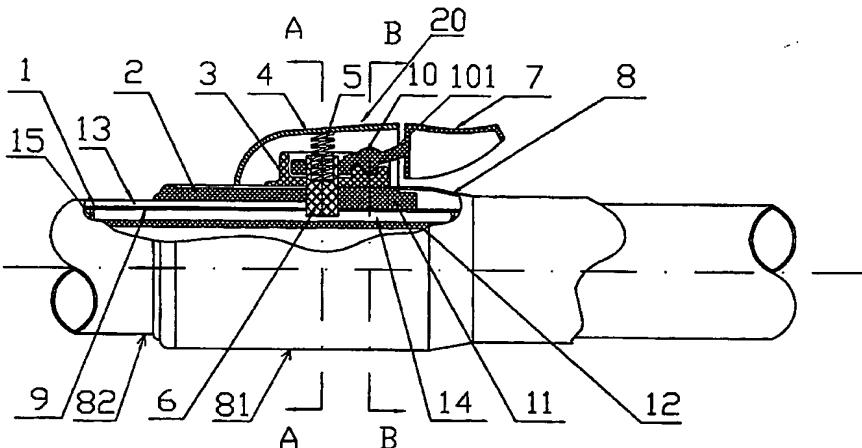
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{Continued on next page}

(54) Title: SUCTION TUBE FOR A VACUUM CLEANER



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(57) Abstract: The present invention provides a suction tube for a vacuum cleaner, which comprises an outer pipe (8), an inner pipe (1) received in the outer pipe, and a locking device (20) disposed between the inner pipe (1) and the outer pipe (8). A guiding bush (2) is provided at the inner wall of the outer pipe (8). The inner pipe (1) is provided with a row of detent holes (9) which are arranged in the axial direction of the inner pipe (1). An inner liner tube (12) is fixed onto the inner wall of the inner pipe (1). Thus, the manufacturing of the detent recesses becomes easier since the detent holes are made through the inner wall of the inner pipe (1), and the air leakage of the inner pipe due to the detent holes can be prevented by the inner liner tube (12) provided at the inner pipe (1).

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/00825

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A47L9/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNPAT, EPODOC, WPI, PAJ;

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages    | Relevant to claim No. |
|-----------|---|-----------------------|
| X         | CN2522029Y (ZHANG Yuqi) 27.11.02, the whole document                                  | 1~6                   |
| Y         | CN1264568A (FROH HOUSE TECH GMBH & CO KG) 30.08.00, abstract, figure 1~10, claims     | 1~6                   |
| Y         | WO0238026A1(OMEC S.P.A)16.05.02, page,5,line 13~page 8, line 30,figures 1~13,abstract | 1~6                   |
| A         | CN1223105A(XU Weier)21.07.99, the whole document                                      | 1~8                   |
| A         | CN1203775A(XU Weier)06.01.99, the whole document                                      | 1~8                   |
| A         | DE19615814A1(ZELMER R)31.10.96, the whole document                                    | 1~8                   |

Further documents are listed in the continuation of Box C.  See patent family annex.

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

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| Patent document cited In search report |          |    | Publication date | Patent family members   | Publication date   |
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